

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: K. KAKI, et al.

Application No.: Rule 1.53(b) Continuation of U.S. Patent Application  
Serial No. 10/387,478, filed March 14, 2003

Filed: On Even Date Herewith

For: SEMICONDUCTOR STORAGE APPARATUS IN WHICH  
DIFFERENT ERASE COMMANDS ARE  
SEQUENTIALLY SENT TO A PLURALITY OF  
NONVOLATILE SEMICONDUCTOR MEMORIES  
(As Amended)

Art Group of Parent: 2187

Examiner of Parent: G. A. Gossage

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.97 & 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

February 25, 2004

Sir:

In the matter of the above-identified application, this Information Disclosure Statement is being submitted with the following citation as specified in 37 CFR §1.97(d).

"A copy of any patent, publication or other information listed in an Information Disclosure Statement is not required to be provided if it was previously cited by or submitted to the Office in a prior application, provided that the prior application is properly identified in the statement and relied upon for an earlier filing date under 35 U.S.C. §120."

Applicants are submitting herewith a copy of Form PTO/SB/08A which list documents cited in parent applications Serial No. 10/387,478, filed March 14, 2003, which is a continuation of application Serial No. 09/879,960, filed June 14, 2001, which is a continuation of Serial No. 09/706,843, filed on November 7, 2000 (now U.S. Patent No. 6,457,092), which is a continuation of Serial No. 09/006,486 filed on

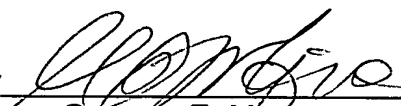
January 13, 1998 (now U.S. Patent No. 6,145,050), which is a continuation of application Serial No. 08/669,914 filed on June 25, 1996 (now U.S. Patent No. 5,809,515), which is a continuation of application Serial No. 08/079,550, filed June 22, 1993 (now U.S. Patent No. 5,530,828), the entire disclosures of which are hereby incorporated by reference. In addition, as another line of copendency, the present application is a continuation of application Serial No. 10/387, filed March 14, 2003, which is a continuation of application Serial No. 10/132,322, filed April 26, 2002, which is a continuation of Serial no. 09/706,843, filed on November 7, 2000 (now U.S. Patent No. 6,457,092), which is a continuation of Serial No. 09/006,486, filed on January 13, 1998 (now U.S. Patent 6,145,050) which is a continuation of application No. 08/669,914, filed on June 25, 1996 (now U.S. Patent No. 5,809,515), which is a continuation of application Serial No. 09/079,550, filed June 22, 1993 (now U.S. Patent No. 5,530,828), the entire disclosures of which are hereby incorporated by reference.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

To the extent necessary, the applicants petition for an extension of time under 37 CFR 1.136. Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus, Deposit Account No. 01-2135 (Docket No. 566.32253CC8).

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			<b>Complete if Known</b>		
			Application Number	Not assigned yet	
			Filing Date	On even date herewith	
			First Named Inventor	K. KAKI, et al.	
			Art Unit	Not assigned yet	
Sheet	1	of	3	Examiner Name	Not assigned yet
				Attorney Docket Number	566.32253CC8

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
		4,803,554		02/1989	Pape	
		5,222,046		06/1993	Kreifels	
		5,386,539		01/1995	Nishi	
		5,437,020		07/1995	Wells et al.	
		5,544,356		08/1996	Robinson et al.	
		4,899,272		02/1990	Fung et al.	
		4,924,375		05/1990	Fung et al.	
		5,268,870		12/1993	Harari	
		5,341,489		08/1994	Heiberger	
		5,053,990		10/1991	Kreifels et al.	
		5,263,003		11/1993	Cowles et al.	
		5,295,255		03/1994	Malecek et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> –Number <sup>4</sup> –Kind Code <sup>5</sup> (if known)				
		JP 62-36799	02/1987			
		DE 3200872	07/1983			
		JP 1-235075	09/1989			
		GB 2251323	07/1992			
		WO 92-18928	10/1992			

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		Hitachi IC Memory Data Book, Mar. 1989, pp. 65-72 & 746-751	
		Eli Harari "Semiconductor Device employing flash EEPROM, optimization to be used for an external storage device for small-sized personal computer" Nikkei Electronics, Nikkei BP Inc. 1992, Feb. 17, No. 547, pp. 155-168	
		Eli Harari "Semiconductor disk device using a flash EEPROM, optimizing for the external storage of small sized PC" Nikkei Electronics, Japan, Nikkei BP Feb. 17, 1992, No. 547, pp. 155-168	
		Yoshi TOKUSHIGE et al., "Future vision of N and type EEPROM, enlarging the capacity by twice in a year and producing an exclusive device with 64M in 1994" Nikkei Electronics, Nikkei BP Inc. 1992, Feb. 17, No. 547, pp. 169-186	

Examiner Signature		Date Considered	
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<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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			First Named Inventor	T. KOBAYASHI, et al.	
			Art Unit	Not assigned yet	
			Examiner Name	Not assigned yet	
Sheet	2	of	3	Attorney Docket Number	500.38759CC8

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		Number-Kind Code <sup>2</sup> (if known)				
		5,267,218		11/1993	Elbert	
		5,245,572		09/1993	Kosonocky	
		5,280,447		01/1994	Hazen et al.	
		6,145,050		11/1900	Kaki et al.	
		5,065,364		11/1991	Atwood et al.	
		5,043,940		08/1991	Harari	
		4,563,752		01/1986	Pelgrom et al.	
		5,297,148		03/1994	Harari et al.	
		5,359,569		10/1994	Fujita et al.	
		5,341,339		08/1994	Wells	
		5,418,752		05/1995	Harari et al.	
		5,530,828		06/1996	Kaki et al.	

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		Country Code <sup>3</sup> –Number <sup>4</sup> –Kind Code <sup>5</sup> (if known)				
		JP 2-292798	12/4/90			
		JP 2-62687	3/02/90			
		JP 5-27924	2/05/93			
		JP 2-304614	12/18/90			
		JP 2-149165	12/19/90			
		JP 4-57295	2/25/92			
		JP 3-252993	11/12/91			
		JP 4-33029	2/04/92			

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		Eli Harari "Semiconductor Device employing flash EEPROM, optimization to be used for an external storage device for small-sized personal computer" Nikkei Electronics, Nikkei BP Inc. 1992, Feb. 17, No. 547, pp. 155-168	

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		Number-Kind Code <sup>2</sup> (if known)				
		5,663,901		09/1997	Wallace et al.	
		5,689,676		11/1997	Hirose et al.	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)					
		JP 5-204561		08/1993			
		JP 5-241741		09/1993			
		JP 5-027924		02/1993			
		JP 5-028039		02/1993			

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